



Goedhart® VNS air coolers

CUSTOMIZED AIR COOLERS AGRICULTURAL (CU/AL)



YOUR BENEFITS

- ▶ **Powerful when needed:**
High performance due to application-suited circuit design
- ▶ **Optimized heat exchanger geometry and an aerodynamically integrated fan system:** Higher specific power, reduced fan speed and air velocity through the coil and significantly reduced current consumption
- ▶ **Air direction** of all fan variants – blow-through
- ▶ **For cooling application:** Specially designed for use in chill rooms, working with an air temperature of $\pm 0^{\circ}\text{C}$
- ▶ **Fresh, Fresher:** Especially suitable for vegetable and fruit storage, working with a small ΔT to prevent dehydration of the product.
- ▶ **Long-term assurance:** highly efficient, ErP 2015 fans
- ▶ **Easily accessible and easy to clean components:**
Hinged drip tray prepared, easy removable cover plates
- ▶ **Low height:**
The maximum space in the chill room can be utilised
- ▶ **Easy installation:** Delivered on a wooden frame for easy mounting

CAPACITY RANGE

HFO/HFK **8,7 kW - 66 kW**

$t_{L1}=0^{\circ}\text{C} \mid t_{o}=-8^{\circ}\text{C} \mid \text{DT}=8\text{K} \mid [\text{SC2}] \mid \text{R404A}$



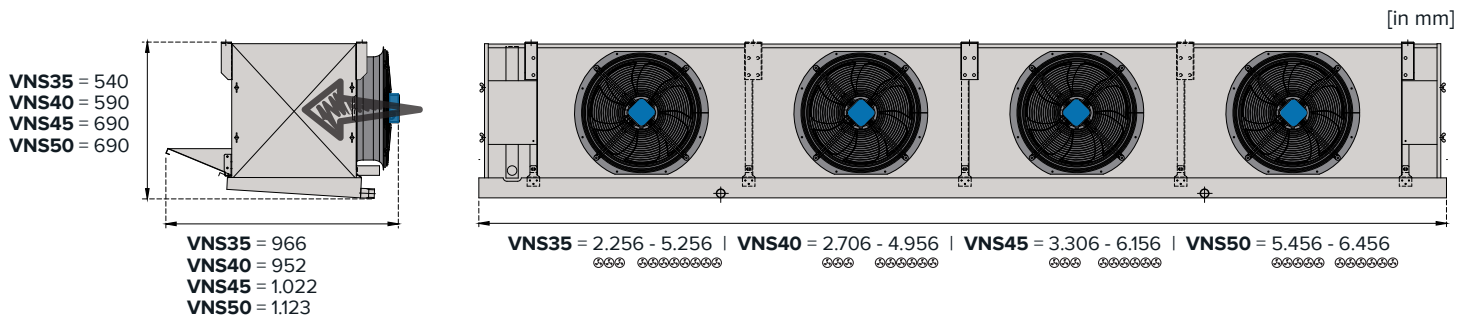
13,4 kW - 69 kW

$t_{L1}=0^{\circ}\text{C} \mid t_{o}=-8^{\circ}\text{C} \mid \text{DT}=8\text{K} \mid [\text{SC2}] \mid \text{Up to 60 bar}$

Coolant **26 kW - 113 kW**

$t_{L1}=5^{\circ}\text{C} \mid t_{m}=-7^{\circ}\text{C} \mid t_{out}=-4^{\circ}\text{C} \mid \text{E-glycol 37\%}$

AIR DIRECTION & DIMENSIONS



FANS

- ▶ AC Technology
- ▶ EC Technology
- ▶ 60 Hz

- Ø 350 mm
- Ø 400 mm
- Ø 450 mm
- Ø 500 mm

HEAT EXCHANGER

- ▶ Coil block: Copper tubes | Aluminium fins
- ▶ Tube System: Aligned - 15 mm o.d.
- ▶ Tube spacing: 50 x 50 mm
- ▶ Fin spacing: [in mm]
7,0
- ▶ Internally plain tubes

DEFROST

DEFROST	FAN	COIL	DRIP TRAY
ELECTRIC	✓	✓	✓
HOT GAS		✓	✓
WATER		✓	✓
SECONDAIR CIRCUITING			

VARIANTS & ACCESSORIES

- ▶ Feet for floor mounting
- ▶ Other fin spacings
- ▶ Insulation disks
- ▶ Up to 60 bar with CO₂

MATERIALS

MATERIAL	TUBE	FINS	CASING	END PLATE	FAN GUARD
Aluminum		☑	✓	☑	
Copper	☑				
Aluminum Goldlack coating		✓			
Aluminum Almg		✓	✓	✓	
Steel sendzimir zinc-plated			☑		
Epoxy spray finishing (White)			☑		
Epoxy spray finishing (RAL 9005)					☑
Stainless Steel V2A (304)			✓		✓
Stainless Steel V4A (316)			✓		

☑ Standard execution | ✓ Available as a variant

NOTE

With our product selection software **Goedhart selection program**, you can configure our products and spare parts easily and very detailed for your customer. Reliable support during the project planning phase and time savings by means of a detailed selection is guaranteed.